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(54) CODE DIVIDING MULTIPLE ACCESS COMMUNICATION SYSTEM AND TRANSMITTING POWER CONTROL METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To attain the effective use of channels by allowing a base station to transmit the transmitting power control signals to plural mobile terminals via a common control channel and also allowing each mobile terminal to receive the control channel and control the transmitting power of transmitting signals according to the extracted transmitting power control signal.

SOLUTION: A transmitting power correction part 123 extracts the transmitting power control signals among those signals which are processed by a synchronous acquisition/inverse spread circuit 63 and a detection part 64 and included in an answer channel and selects a transmitting power control signal corresponding to an up transmission channel under working and inputs this selected control signal to a transmission channel amplification gain calculation part 124. The part 124 calculates the amplification gain with which the transmitting power is set at the value that is designated by the transmitting power control signal and then updates the amplification gain of a variable gain amplifier 68. A data packet is amplified by the amplification gain that is updated by the amplifier 68 and then transmitted from an antenna 60 via a transmitting radio module TxRF 69 and a circulator 61.

